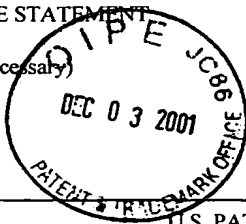
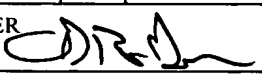


Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111115		APPLICATION NO. 09/987,413	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)							
							
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
CDR		JP A 60-136755 w/ abstract	07/20/1985	JAPAN			
CDR		JP A 60-186844 w/ abstract	09/24/1985	JAPAN			
CDR		JP A 61-080161 w/ abstract	04/23/1986	JAPAN			
CDR		JP A 61-080162 w/ abstract	04/23/1986	JAPAN			
CDR		JP A 61-080163 w/ abstract	04/23/1986	JAPAN			
CDR		JP A 64-018150 w/ abstract	01/20/1989	JAPAN			
CDR		JP A 64-013560 w/ abstract	01/18/1989	JAPAN			
CDR		JP A 02-079862 w/ abstract	03/20/1990	JAPAN			
CDR		JP A 05-107798 w/ abstract	04/30/1993	JAPAN			
CDR		JP A 05-072797 w/ abstract	03/26/1993	JAPAN			
CDR		JP A 05-158283 w/ abstract	06/25/1993	JAPAN			
CDR		JP A 05-204183 w/ abstract	08/13/1993	JAPAN			
CDR		JP A 10-260554 w/ abstract	09/29/1998	JAPAN			
CDR		JP A 2000-056514 w/ abstract	02/25/2000	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER 						DATE CONSIDERED 10/18/02	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							